

**PATENT APPLICATION**  
**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

Docket No: Q89211

Shinichi HORI

Appln. No.: 10/542,576

Group Art Unit: 2832

Confirmation No.: 6882

Examiner: Not Yet Assigned

Filed: July 19, 2005

For: GAIN-VARIABLE VOLTAGE-CURRENT CONVERSION CIRCUIT AND FILTERING  
CIRCUIT INCLUDING THE SAME

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. §§ 1.97 and 1.98**

**MAIL STOP AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

1. Japanese Patent Application Laid-Open No. 1-233813, published September 19, 1989, previously submitted in an Information Disclosure Statement filed July 19, 2005.
2. Japanese Patent Application Laid-Open No. 2002-330039, published November 15, 2002.
3. Japanese Patent Application Laid-Open No. 6-216657, published August 5, 1994.
4. Japanese Patent Application Laid-Open No. 2-113494, published April 25, 1990.

5. Japanese Patent Application Laid-Open No. 6-334480, published December 2, 1994.
6. Japanese Patent Application Laid-Open No. 2002-43869, published February 8, 2002.
7. Japanese Patent Application Laid-Open No. 63-227108, published September 21, 1988.
8. Japanese Patent Application Laid-Open No. 11-251843, published September 17, 1999.
9. Japanese Patent Application Laid-Open No. 7-212185, published August 11, 1995.
10. Japanese Patent Application Laid-Open No. 2002-314373, published October 25, 2002.
11. Japanese Patent Application Laid-Open No. 3-143109, published June 18, 1991.

One copy of each of the listed documents is submitted herewith, except for the reference indicated as previously submitted.

The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date; (2) Before the mailing date of the first Office Action on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after filing a request for continued examination (RCE) under §1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicant encloses here with a copy of a corresponding Japanese

Office Action dated May 15, 2007, and an English translation of the pertinent portions thereof which cites such documents and indicates the degree of relevance found by the foreign office.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

Respectfully submitted,

/Howard L. Bernstein/

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WASHINGTON OFFICE

**23373**

CUSTOMER NUMBER

Date: June 29, 2007

Substitute for Form 1449 A & B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<i>Complete if Known</i>	
				Application Number	10/542,576
				Confirmation Number	6882
				Filing Date	July 19, 2005
				First Named Inventor	Shinichi HORI
				Art Unit	2832
Examiner Name				Not Yet Assigned	
Attorney Docket Number				Q89211	
Sheet	1	of	1		

### U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)		
		US			
		US			
		US			
		US			
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		US			
		US			
		US			

### FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
		JP	2002-330039	A	11-15-2002	SHARP KABUSHIKI KAISHA	
		JP	6-216657	A	08-05-1994	SGS-THOMSON MICROELECTRONICS SOCIETA A RESPONSABILITA LIMITATA	
		JP	2-113494	A	04-25-1990		
		JP	6-334480	A	12-02-1994	NIPPON DENKI KABUSHIKI KAISHA	
		JP	2002-43869	A	02-08-2002		
		JP	63-227108	A	09-21-1988	NIPPON DENKI KABUSHIKI KAISHA	
		JP	11-251843	A	09-17-1999		
		JP	7-212185	A	08-11-1995		
		JP	2002-314373	A	10-25-2002		
		JP	3-143109	A	06-18-1991		

### NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov), MPEP 901.04 or follow the hyperlink from the title of the document to the intranet. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to indicate here if English language Translation is attached.